Do It Now!

When you've got a job to do. Do it now! If it's one you wish was through.

Do it now!

If you're sure the job's your own.

Don't hem and haw and groun-Do it now!

Don't put off a bit of work. Do it now! It doesn't pay to shirk, Do it now! If you want to fill a place
And be useful to the race,
Just get up and take a brace,
Do it now!

Don't linger by the way, Do it now! You'll lose if you delay.

If the other fellows walt, Or postpone until it's late, You hit up a faster gult-

-Frank Farrington.

Do it now!

Thought Reading by a Watch. A most puzzling trick is "thought reading by a watch." Place a watch on a table, ask some one to think of

a certain hour, and then to consider that he has counted up to that number. Tell him you will point at various hours on the watch, and that he must add the number of times you point to the number of the hour of which he thought. Instruct him that when he reaches No. 20 he must tell you to stop pointing, and you will then be pointing at the hour he selected.

For example: Say he thinks of 7 o'clock. When you have pointed 13 times he must stop you, because he has then counted to 20. Now it does not matter of what hour he thought; at the 20th count you will have arrived at the correct hour if you remember always to let your eighth pointing be to 12 o'clock, and from there to follow the hours around backward, i. e., from 12 to 11, and so on till you are told to stop.

Home-Made Switch.

Get a piece of board 4x5x1/2 in thickness, a piece of copper and some screws and wire; now we are ready to start.

The switch E is made of a piece of copper % inch wide. It is pivoted at F with a screw.

To the end of E is fastened a copper wire (No. 25), which leads to the upper binding post.

This switch has six contact points. These consist of brass screws and copper or tin washers. Having F as a center, draw the arc of circle that



has a radius of 4 inches. Place the contact screws along this are and about 1/2 inch apart, center to center; the last screw forms a part of binding

post A. speed regulator for small motors or dynamos.

Mystifying Card Trick.

A simple and mystifying card trick is the will power trick. You let any one shuffle the cards, then take them into your own hand and ask another person to cut them. Now throw them on a table, but as you do so get a glimpse of the bottom card, which is we will say, the nine of hearts. Scatter the cards a little, but carefully note the position of the nine of hearts.

Now say that you have the power

to will that a person shall, unknown to himself, select the card you want You can call for the nine of hearts Some one hands you a card without looking at its face. "Thank you," you "Quite right-nine of hearts." Really, however, it is the jack of spades; so you now ask for the jack of spades, and get, let us say, seven of diamonds. You then say that you will pick a card from the table yourself-the seven of diamonds. take the card, however, which you know to be the nine of hearts. You then show the three cards, which are, of course, the three you named, so that it appears that you actually have made your spectators pick out the cards you wanted.

Holland Customs Unchanged.

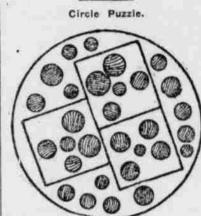
Almost every fishing village in Holland has its special dress and its own quaint customs. One can see from old Dutch pictures that these have not varied for the last 200 years. One most interesting place is the Island of Marken, a tongue of land on the margin of the Zuyder Zee, which can well be inspected in a couple of hours. It is so little above the sea level that the clusters of houses, or tiny villages, are built on mounds connected by bridges, and nearly every little house has its own little most and its own little boat-everything, except the people, is on a diminutive scale in Holland-moored near the door, so as to be handy in case of flood. The houses, with the exception of the inch from the edge of the first circle church and the clergyman's house, are built of wood on high piles. They are none of them very old, as the place has often been flooded and burnt; in winter Marken is often under water and the inhabitants use boats to pass from one village to another. The cottages, which are painted blue, green

alike and possess only a ground door built on high piles.

Fudge Recipe.

A recipe for fudge, the ever fascinating candy which girls love to make, is sent in as follows:

Two cups of white sugar, three tablespoonfuls of cocoa (mix well), about two-thirds cup of milk, a piece of butter about the size of a small Cook until it gets stringy, or else sugars around the edges. Just before taking off the stove add onehalf teaspoonful of flavoring. When taken off the stove beat it for a minute or two, or until it gets just hard enough to turn into buttered pans without hardening. This is fine with nuts in. When almost cool cut in squares.



These are the three equal squares, each containing five of the small circles.

Simple Experiments.

A very interesting branch of study is vibration.

A vibration you know, is defined as an impulse, but if a series or number of impulses are produced singly and at irregular intervals, very little effect upon anything can be produced. If the reverse is true, however, results often astounding will be noticed.

And that, by the way, teaches an important lesson. You cannot do anything of any account by means of a single effort. You must "keep at it," regularly and constantly.

Did you ever, with a playmate, cross a stream walking over a plank, keeping step the while?

What happened? Why, the plank began to jump and bounce until you both came near falling into the water. Your regular footfalls set up vibration, and the plank was obedient to

Probably you know that as a rule soldiers are obliged to break step area. when crossing a bridge. If they continued marching such vibration would be set up that the bridge would probably fall. In going over a great three letters? Mam.

roofed with red tiles, are all exactly | many railroad bridges the speed of locomotives must be slackened, because City. It would make the Fifth Avenue the regular swing of the pistons results in the same manner.

A Tangle Party.

twine are twisted all over the house, and the children are told that if they are passed through keyholes, twisted men into Pekin in forty-five minutes. around balusters, and perhaps one end is in the garret or in the kitchen.

girl and one for a boy, and secured to bon, respectively. But a little present each is more pleasing, on the whole, as children like to carry home some little souvenir of a party, if it is only a tiny toy or a pretty red notebook or a nice little box of sweets.

Floating Triangle-A Trick. Here is an interesting experiment, boys and girls:

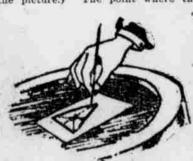
Take a wet lead pencil point and draw on thick paper a triangle (which need not be mathematically perfect).

Take a basin of water and lay this paper on the surface of the water, things on the face of the earth. And will cease only when this false idol is with the drawing up. Very carefully fill the space inside the lines with priceless heritage, which once taken on which it stands before the minds of water. (The water will not flow be- from us could never be replaced, and the American people.-Boston Watchyoud the lines which you drew with we should at any cost guard them for man. your wet lead pencil point).

point of it into the wet triangle near, 8000 years.-Woman's Home Companone of the angles. But don't let it ion. touch the paper.

Now an odd thing will happen; the paper will be sure to move on the water until the center of area comes the Dead Sea will be exploited for indirectly under the point.

where the center of area is by draw. With this purpose in view. The level ing lines from any two angles to the of the Dead Sea being more than 1300 centers of the opposite sides. (See feet below that of the Mediterranean tim of hazing is helpless in the pres-



two lines cross will be the center of

Try this interesting experiment.

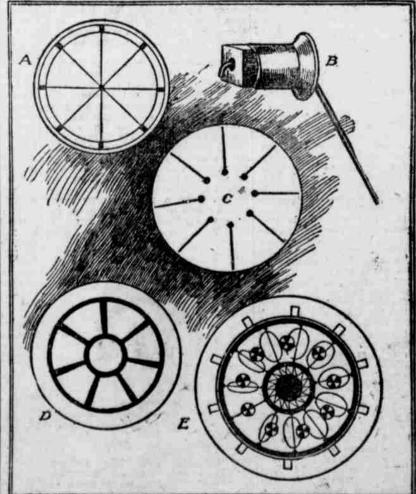
LIVING PICTURES

yourself with a sheet of stiff white cut off squarely. This switch can be also used as a cardboard and a spool, one end of which you cut off squarely. Stick the spool on a piece of strong wire, and bend the wire in such a way that the longer end serves as a handle, while the other end keeps the spool from sliding off (see B). Now take your compass and draw a circle seven inches in diameter on the cardboard.

To make living pictures provide, fit over the end of the spool which is

Now to make We cut out circles six inches in diameter and copy C and D as they appear in the drawing. Fig. E shows a circle with a design of living pictures little windows.

D is a wheel with seven spokes. We attach the circle to the large cir-



parts, which you connect with the center of the circle by lines. A third circle which you draw is seven eighths of an inch from the edge Between the two inside circles, at windows, as shown in A. Cut out a dulum of a clock in motion. Fig. E to embalming bodies and then soil would be a much more extreme matblack, with pointed gables, and square at the center of the circle to a ball flying through a ring.

a second circle three-eighths of an | mirror, turning the front of the cirof seven and will turn in the opposite direction from the circle we hold in each of the divisions, cut out square our hand. Fig. C will show the pen-

THE CIANT TREES.

One of Them Would Make a Fence Six Feet High and Twenty-laur Miles Long. The only way we can comprehend the

greatness of the "big trees" of California without actually seeing them is by comparing them with things of every-day life. Imagine one of these trees being transplanted to the corner of Fifth avenue and Broadway, New York Hotel look like a cottage, and if the largest tree now growin; on Manhattan Island were placed on the top of the Flatiron Building, it would still be lent corruption, commercial and politi-A tangle party is a jolly idea for in the shade of the big tree's upper cal, is the prevailing idea that sucparents. Lengths of ribbon or colored branches. General Walteuffel stated cess consists in the gaining of money. not long ago that if he could have had Joseph R. Burton of Kansas, the first one of these big trees to throw across United States senator to be convicted can find the end of the thread they the Pel-ho River upon the arrival of of crime while in office, testified that can have whatever they will find at the international army, it would have he used his official influence in conthe end of it. The ribbons begin in served as a bridge across which he sideration of a salary of \$500 a month one room and end in another. They could have marched the entire 30,000 from the Rialto Grain and Securities

It is estimated that some of these trees contain 750,000 feet of lumber, of fraud'in the postoffice department If presents cannot be bought for all and we may get an idea of what this at Washington perpetrated the frauds the children two handsome prizes can means when we hear that it would in order to make money. Almost evbe purchased instead, one for a make a board fence six feet high and ery act of corruption in office is done twenty-four miles long, or that it would to get money; and the money that is the end of a blue ribbon and red rib- supply enough telegraph poles to sup- paid to induce official corruption is port a line of wires running from Kan- paid to obtain wrongful opportunities sas City to Chicago. If the tallest elm to make more money. All the dishontree you know of were cut down and est bargains between business men bent into a circle, it would just about and corporations are merely attempts make a ring to fit the base of one of the to make money. People who have no big trees. But it is not their size alone need of more money keep on trying to which makes these giants so impres- make money, because that is their sive; their age is still more remarkable. only ideal of success. Those who have When Cheop's army of 190,000 men be more money than they can count or gan to build the great pyramid of use in any way, try to add to it be-Jeezeh, over 2000 years before Christ, cause they are lured on by the idea these Sequolas, as they are called, had which has been burned into their bark on them a foot thick; they were minds that making money is success old, old trees when Methusaleh was a and nothing else is success. Corrupbaby-they are the very oldest living tion thrives on this false ideal, and we Americans should regard them as a ever from those who with ax and saw Next take a needle or pin, dip the would in one week undo the work of

Utilizing the Dead Sea.

It is believed that before very long You should previously have found are at work on three different projects the picture.) The point where the and Red seas, it is thought by connecting either of these two seas by means of a canal with the Dead Sea, a stream no appreciable difference in the level, cowardly and cruel.-New One project is to start the canal from Times. the Bay of Acre, lead it southward past Mount Tabor, and let it join at Baisan, the waters of the Jordan. Another plan is to build the canal along the railway line from Jaffa to Jerusa-The small boy's way of saying it in through the mountains of Old Judea. The third project, the cheapest, produstrial works will be carried on .-London Daily News,

Radjum as a Pain-Killer.

United States Consul General Guenther, of Frankfort, writes as fol- prevalent in New England than anyattached to the large circle with the lows: Dr. Darier, of Paris, describes through application of radium, had country is in the mountain region of been rendered painless. Similar re- the west, and the south comes next. cle on the spool with the help of a sults have been obtained by other in Kansas one person out of every 560 Cut the circle out carefully. Draw little wax and stand before a large noted experts. He has also found is crazy, and Missouri has one for quick and pain-killing effects of radium every 602 of population. Some writer, in certain diseases of the eye. The m commenting on these facts, says influence of radium upon the motor that if anyone can construct and denerve centres he considers of still fend a theory to account for the vagreater importance. In two cases of riation, he is welcome to the oppornervous spasms, which occurred three tunity. Still, the report gives some or four times a week, weak radium basis for speculation as to causes or preparations were applied to the tem- reasons. For example, it is shown ples for two or three days, when the that the proportion of insanity among spasms ceased. In a case also of pre- foreigners is double that among nasumptive inability of motion, caused by tives, and that the negro is only half nervous debility, radium effected a as susceptible to madness as his white complete cure within three days-pro- brother. This will account for the ably, however, through suggestion. In low rate in the south and the high acute facial paralysis of entirely new rate in localities largely peopled by origin, radium effected a cure in one foreigners, but how are we going to day. Samples of weak radio-activity account for the big rate in New Enare now rather inexpensive, so that gland and on the Pacific coast?-Kanother physicians are enabled to verify sas City Journal. these results.

Butted In at the Wedding.

Land office regulations unfeelingly 'butted in" on the plans of Cupid the who had but recently made her final sioners. Just before the ceremony was ness' failure to properly sign his name the Interior Department. The wedapparently being more willing to tem-(Texas) Sun-Mirror.

Old English Customs.

them for genuine ancient mummies

WITH THE WORLD'S

THE CRAZE FOR MONEY.

At the bottom of all the too prevacompanies of St. Louis, because he needed the money. Those convicted thrown down from the high pedestal

EVIL TO HAZER AND HAZED.

There is a sincere belief in the minds of some very intelligent men that hazing has good effect and if not carried too far is "good for the cub" and there is basis for this belief. But dustrial purposes. French engineers it is not easy to see how any good to the lads hazed can compensate for the evil almost inevitably done to hazers. Practically without exception the vicence of superior numbers and strength. In other words, the action

of the bazers is essentially cowardly. of water would flow with a velocity Their motives, if not so deliberately calculated to produce some 25,000 bad as sometimes represented, are in horsepower. There is danger, it is no sense good and to maltreat those asserted, of an overflowing of the Dead who have nothing like a fair chance Sea, for the waters there evaporate at to resist and almost no chance to inso great a rafe (6,000,000 tons a day) flict injury on their tormentors is not that the incoming waters would make manly, not gentlemanly-is, in fact,

STATISTICS OF INSANITY.

A bureau at Washington has prepared some interesting statistics of lem. But this would mean blasting the distribution of insanity througha tunnel of some thirty-seven miles out the United States. In the whole country one person of every 528 is crazy. In New England, one in every poses to start at Akaba, in the Red 359; in New York and Pennsylvania, Sea, and pass through the desert of one in 424; in Indiana, Ohio, Illinois, Wady-el-Jehel. Having obtained power Michigan, Maryland, Virginia, Kenin this manner, it is thought many in- tucky and Tennessee, one in 610; in the Middle West, one in 750; in the Southern states, one in 935; in the Rocky mountain states, one in 1,263; in the Pacific states, one in 387.

It will be seen that madness is more where else, with the Pacific states a a case of cancer of the face which, close second. The sanest part of the

WIRELESS TELEGRAPHY IN WAR. The question of the value of wire-

less telegraphy in war has already other day at Waurika and stopped a peen considered. Now it is supplewedding. Samuel Mosler, a home-mented by that of its legality. The steader of that vicinity, has arranged Russian government has practically to wed Mrs. Mitchell, a buxom widow, served notice that it regards it as illegal. At any rate, the use of such a proof before the local court commis- device at the seat of war will be treated as a breach of neutrality. Corperformed word came that a wit- respondents telegraphing without wires will be shot as spies, and veshad caused rejection of the papers by sels equipped with wireless telegraphic apparatus venturing near the ding was postponed, the groom to be scene of war will, if caught, be conascated as contraband of war. So far porarily relinquish a bride than to per- as correspondents accompanying the manently relinquish a farm.-Mangum Russian army are concerned, we may unhesitatingly concede the Russian right of censorship. That is a matter of course. A belligerent power has Sir Walter Besant's study of old Eng. the undoubted right to decide whether lish customs shows that the doctors of it will permit correspondents to acseveral centuries ago prescribed for company its army at all, of course, cle toward the glass. Now we give fevers "a cold water affusion" with prescribe what matter may be sent and divide it with a pen into eight the circle a quick turn with the hand, drinking of asses' milk. When the through the lines, and how. Similarly, looking through the little windows at queen was ill in 1663 they shaved her it may exercise a censorship over the same time. The wheel will appear head and applied pigeous to her feet, new vessels entering its territorial to have all its eight spokes instead Powdered mummy for a long time was waters, or the waters implicated in considered to be a specific against dis- the sphere of beiligerent action. But enses. It is said that the reason it a general outlawing of wireless telewent out of use was that dealers took graphy in that part of the world

PRECEPT AND EXAMPLE.

Thinking to make an impression on the boys of London, the Times recently published a manifesto carrying an enormous show of great names, such as the duke of Fife, the archbishop of Canterbury, the bishop of London and eleven leading lords of the realm, severely enjoining all religious teachers to discourage cigarette smoking among the young, as it was rapidly sapping the vitality of the kingdom.

It is to be feared that this method still lacks the power of example sufficiently, for the greatest men in England still smoke. The priests of India and Japan all smoke and the champion smoker of the world is probably the king of Portugal, who smokes forty cigars a day. Dean Swift used to smoke throughout his whole sermon. What might not the boys quote as to great names?-Boston Globe.

WIRELESS TELEGRAPHY AT SEA.

Marconi seems to be "doing things" which are of value in the commercial development of wireless telegraphy. He kept the Campania in communication with Poldhu for a distance of 1,700 miles, which was somewhat more than half way across. On the return voyage he will try the same experiment with the Cape Cod Station and if, when that is lost, he can pick up Poldhu the ship will never be out of communication a day on its voyage across.

This is practical. During its voyage the Campania was in more or less frequent communication with the Etruria, Lucania, Minnetonka, Vaderland, and Deutschland. Thus the solitude of the ocean is invaded and the rest of a voyage is broken by enough news to make one want more. This, however, is what the average man wants. The fact that he will be "a long time dead" seems to have dawned upon him and incited him to an intensity of living while he lives which makes rest irksome and isolation impossible. Even when he thinks he wants a rest he is mistaken. Hence the popularity of the Marconi equipment on ships crossing the ocean.-New York Times.

GOOD DONE BY THE KICKER.

The established order is always and everywhere impatient with the man who challenges it. In sneers and anger and sharp rebuke it tries to suppress him. He is a nuisance and a mischief-maker, as devoid of sense as he is of perspective, and so on. The kicker who will continue to kick under such conditions has his high value. Society needs him, and so does every legislative body. He may be wrong at times, his views may embrace and consider only part of a subject, but if he be honest and persistent he awakens discussion, he draws out facts, and so in the long run illuminates public problems in a way that is helpful.-Springfield (Mass.)

THE AGE OF ALUMINUM.

Ever since the separation of the metal aluminum from its ores-and every claybank is an aluminum mine -inventors have dreamed of an "aluminum age," whose mechanical marvels should leave as far behind the present "age of steel" as we surpass the "age of stone" of the primitive man. Here was a beautiful metal that was only a third as heavy as iron; and what limit could there be to the wonders its use would make possible. The long-awaited airship was to become a reality and a revolution was to come at once in shipbuilding, railroading and automobiling. But little can be done with a metal

so soft that to secure the same strength as much aluminum in weight as of iron must be used. If only some way of tempering it could be found!

Now the announcement comes from Germany that this problem has been solved. "Meteorit" is a simple alloy of aluminum and phosphorus, and for it is claimed that it is six times as strong as aluminum itself, is noncorrosive, highly polishable, and may be soldered and galvanized with nickel or copper. If all that is claimed for it is true, then the "age of aluminum" may not be far distant.—Boston Globe.

BRAVE MEN ON BOTH SIDES.

The fact is frequently and pleasantly observed that the soldiers on both sides in the Asian war are displaying valor. The Russians find in that some consolation for the grievous losses they have suffered. Their seamen at Chemulpo and their soldiers at the Yalu were beaten and perished, but at least they fought bravely and fell like heroes. The Japanese find in the same circumstance an added cause for exultation over their victories. Their seamen eagerly enlisting for a death errand at Port Arthur and their soldiers storming intrenchments with the bayonet at the Yalu have added new lustre to the fame of Samurai heroism. Nor is that all. Each side has learned to recognize the valor of the other and to pay it the tributes which are its due. Whatever may have been their opinions of each other before the war, these last three months have inspired them both with the respect which brace men feel for each other the world around.-New York Trib